

FDN-2604



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5/7/02
PC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Qinyun Peng et al) Group Art Unit 1771
Serial No. : 09/484,749) Examiner : Artir Singh
Filed : 01/18/2000)

For : ASPHALT ROOFING COMPOSITE INCLUDING
ADHESION MODIFIER-TREATED GLASS FIBER MAT

1361 Alps Road
Wayne, NJ 07470

MAY 14, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

This is in response to the Examiner's Action mailed 02/15/2002. Please amend this application as follows.

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IN THE CLAIMS

Claim 1 (Amended) A glass fiber mat for use in a roofing composite, said mat comprising, by weight, about 68% to about 90% of fibers; about 10% to about 32% by weight of an organic resin binder; and having applied to the surface of said glass mat about 0.001% to about 20% by weight of an adhesion modifier which induces fiber pull-out during tear of the composite and provides improved composite tear strength and wherein said adhesion modifier is selected from the group consisting of siloxanes, glycerides, phosphate esters of fatty acids or alcohols, fatty ammonium salts, saponified oils, coconut oil, polyamines, fatty amines, fatty amine oxides, amido amines, polyamido amines, amine substituted terpenes, polyamides and mixtures of the above with glycerols or glycols.